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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| EXAMINER |
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BOAKYE, ALEXANDER O

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| ART UNIT | PAPER NUMBER |
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2666

DATE MAILED: 06/04/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/788,192

Applicant(s)

DORENBOSCH ET AL.

Examiner

Alexander Boakye

Art Unit

2666

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 March 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5,7-9,11-13 and 15-18 is/are rejected.
- 7) ☒ Claim(s) 6,10 and 14 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

Claim Rejections - 35 USC § 103

1. Claims 1-5, 7-9, 11-13 and 15-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gerszberg et al. (US Patent # 5,983,098) in view of Johnson et al. (US Patent # 6,487, 181) and further in view of Gary (US Patent # 5,602,843).

Regarding claims 1, 12, 15, 16, 17 and 18, Gerszberg discloses a method in a communication system including a mobile station (Fig. 1 @ 34 ; column 3, lines 46-47) capable of communicating through both a wireless connection (Fig. 1 @ 20 ; column 3, lines 54-58) and a wired connection (Fig. 1 @ 14 ; column 3, lines 13-15), the method for switching an ongoing communication of user information between the wireless connection and the wired connection, the method comprising the steps of: establishing , between the MS (Fig. 1 @ 34 ; column 3, lines 46-47) and communication device (Fig. 1 @ 18 ; column 3, lines 40-43) coupled to the communication system (Fig. 1, a first one of the wireless connection (column 3, lines 54-58) and the wired connection (column 3, lines 13-15).

Furthermore, Gerszberg discloses subsequently establishing , between the MS (Fig. 1 @ 34) and the communication device (Fig. 1 @ 18 ; column 3, lines 40-43) and a second one of the wireless connection (Fig. 1 @ 20 ; column 3, lines 21-24) and the wired connection (Fig. 1 @ 14; column 3, lines 13-15). Gerszberg does not disclose

Art Unit: 2666

communicating a first portion of user information as well as second portion of user information. However, Johnson discloses communicating a first portion of user information(column 7, lines 27-36). Johnson also teaches communicating a second portion of the user information (column 7, lines 57-59).

It would have been obvious to one of ordinary skill in the art to combine Johnson's communication device with Gerszberg's communication device with the motivation being to provide capability for the system to transmit the first and the second portions of the user informations into the time slots , thus enhancing line quality. The combination of Gerszberg and Johnson fails to disclose a wired local area network (LAN). Gary discloses a wired local area network (column 5, line 67-column 6, lines 1-2 ; see Fig. 2 @ 10).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate Gary's integrated communication system into the combination of Gerszberg's and Johnson. The motivation would be to provide capability for the system to enable user interface with LAN and ISDN so that the user should be able to make a connection that can be received through the wired system.

Regarding claims 2, 5, 9 and 13, the combination of Gerszberg and Johnson discloses that the user information comprises a real-time multimedia communication (column 3, lines 15-20 of Gerszberg).

Regarding claims 4, 7, 8 and 11, Gerszberg discloses : a wireless interface (Fig. 1 @ 20 ; column 3, lines 40-43) for making the wireless connection; a wired interface (Fig. 1 @ 14 ;column 3, lines 34-35) for making the wired connection; and a

processor (Fig. 1 @ 28) coupled to the wireless interface (Fig. 1 @ 20) for controlling the MS (Fig. 1 @ 34 ; column 3, line 46) ,wherein the processor (Fig. 1 @ 28) is programmed to cooperate with the wired and wireless interfaces to :

establish, between the MS (Fig. 1 @ 34 ; column 3, line 46) and a communication device (Fig. 1 @ 18) coupled to the communication system a first one of the wireless connection and the wired connection.

Furthermore, Gerszberg discloses subsequently establish, between the MS (Fig. 1 @ 34) and the communication device (Fig. 1 @ 18) a second one of the connection and the wired connection (Fig. 1 @ 36) , the second one different from the first one. Gerszberg does not teach communicating a first portion of the user information and the second portion of the user information.

However, Johnson teaches communicating a first portion of the user information (column 7, lines 33-36) between the MS (Fig.1 @ 34)and the communication device (Fig. 1 @ 18 ; column 3, lines 40-43) through the first one of the wireless connection (Fig.1 @ 20) and the wired connection.

Johnson also discloses communicating a second portion of the user information (column 7, lines 57-59) through the second one of the wireless connection (Fig. 1 @ 20) and the wired connection.

It would have been obvious to one of ordinary skill in the art to combine Johnson's communication device with Gerszberg's communication system with the motivation being to provide capability for the system to transmit the first and the second

Art Unit: 2666

portions of user information into the time slot only. The combination of Gerszberg and Johnson fails to disclose a wired local area network (LAN).

However, Gary discloses a wired local area network (column 5, line 67-column 6, lines 1-2 ; see Fig. 2 @ 10).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate Gary's integrated communication system into the combination of Gerszberg's and Johnson. The motivation would be to provide capability for the system to enable user interface with LAN and ISDN so that the user should be able to make a connection that can be received through the wired system.

2. Claims 6,10 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Amendment

3. Applicant's arguments with respect to claims 1-11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Art Unit: 2666

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Boakye whose telephone number is (703) 308-9554. The examiner can normally be reached on M-F from 8:00am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rao, Seema, can be reached on (703) 308-5463. The fax number is (703) 872-9314. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is (703) 305-4750.

Alexander Boakye
AB
Patent Examiner

5/27/03



DANGSTON
PRIMARY EXAMINER